

**AUGUST 2001 FIRE COMPLEX  
BURNED AREA EMERGENCY STABILIZATION REHABILITATION PLAN**

**PART F - SPECIFICATIONS**

|                             |  |   |               |
|-----------------------------|--|---|---------------|
| <b>SPECIFICATION TITLE:</b> | Monitor relic stands of aspen/cottonwood for post fire regeneration (to prevent unacceptable change to ecosystem structure). | <b>AGENCY:</b>                          | BLM Elko F.O. |
| <b>PART E LINE ITEM:</b>    | #22 V-5 Monitoring and Evaluation Emergency Treatments   | <b>FISCAL YEAR(S) (list each year):</b> | 2002 - 2004   |

**I. WORK TO BE DONE**

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| <p><b>Number and Describe Each Task:</b></p> <p><b>A. General Description:</b> Monitoring aspen/cottonwood stands with walk-thru examinations or establish a grid of fixed plots to insure that excessive browsing from wildlife and livestock does not inhibit the growth and survival of aspen/cottonwood seedlings and monitor woodland areas with walk-thru examinations to determine acceptable levels of seedling survival.</p> <p><b>B. Location (Suitable) Sites:</b> All burned aspen/cottonwood stands and all moderate to heavy burned woodland sites. Sites are remote access and inventory will therefore require after hours work and travel (Premium Time). Burned sites shown on MAP INDEX, Treatments Section.</p> <p><b>C. Design/Construction Specifications:</b></p> <ol style="list-style-type: none"> <li>1. Walk-thru inspections of aspen/cottonwood stands should monitor seedling growth, form and trees per acre (TPA). Walk-thru inspections of woodland sites should monitor seedling survival, growth and TPA.</li> <li>2. Plot locations should be evenly distributed throughout the stand and be of sufficient size to obtain a statistically valid sample of survival rates.</li> </ol> <p><b>D. Purpose of Treatment Specifications:</b> To determine if an acceptable number of quality aspen/cottonwood seedlings have successfully regenerated, and if natural regeneration will produce acceptable numbers of TPA or if additional treatments or protection measures are required. Aspen/Cottonwood protective fencing may require six (6) miles of fencing.</p> |
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**II. LABOR, MATERIALS AND OTHER COST:**

| ► PERSONNEL SERVICES: (Grade @ Cost/Hours X # Hours X # Fiscal Years = Cost/Item<br>Do not include contract personnel costs here (see contractor services below).  | COST/ITEM          |
|--|--------------------|
| Stratification Site selection by GS-11 @ \$25.00/hour x 10 hour/days x 2 days x 1 year   | \$500.00           |
| Seasonal Workforce 3 GS-7 @ 17.00/ hour x 10 hour/days x 8 days x 3 years  | \$12,240.00        |
| <b>TOTAL PERSONNEL SERVICE COST</b>  | <b>\$12,740.00</b> |
| ► EQUIPMENT PURCHASE, LEASE AND /OR RENT (Item @ Cost/Hour X # of Hours X # Fiscal Years = Cost/Item): Note: Purchase require written justification that demonstrates cost benefits over leasing or renting. | COST/ITEM          |
| Vehicle Cost @ \$33.00 per day x 8 days x 1 vehicles x 3 year  | \$792.00           |
| Vehicle Cost @ .17 per mile x 250 miles/day x 8 days x 1 vehicle x 3 year  | \$1,020.00         |
| Vehicle Cost @ \$40 per day x 8 days x 1 vehicles x 3 year   | \$960.00           |
| <b>TOTAL EQUIPMENT PURCHASE, LEASE OR RENTAL COST</b>  | <b>\$2,772.00</b>  |
| ► MATERIALS AND SUPPLIES: (Item @ Cost/Each X Quantity X # Fiscal Years = Cost/Item:   | COST/ITEM          |
| Film purchase and development @ \$18/roll x 16 rolls x 3 year  | \$864.00           |
| Clip board, forms, topo maps, misc supplies @ \$100 x 1 year   | \$100.00           |
| <b>TOTAL MATERIALS AND SUPPLY COST</b>   | <b>\$964.00</b>    |

|  |           |
|--|-----------|
| ► TRAVEL COST (Personnel or Equipment @ Rate X Round Trips X #Fiscal Years = Cost/Item): | COST/ITEM |
| TOTAL TRAVEL COST  | N/A       |
| ► CONTRACT COST (Labor or Equipment @ Cost/Hour X #Hours X #Fiscal Years = Cost/Item):   | COST/ITEM |
| TOTAL CONTRACT COST  | N/A       |

#### SPECIFICATION COST SUMMARY

| FISCAL YEAR   | UNIT   | UNIT COST         | # OF UNITS | COST               | FUNDING SOURCE | METHOD |
|---------------|--------|-------------------|------------|--------------------|----------------|--------|
| FY 1          | Survey | \$2,896.00        | 2          | \$5,792.00         | ESR            | P      |
| FY 2          | Survey | \$2,671.00        | 2          | \$5,342.00         | ESR            | P      |
| FY 3          | Survey | \$2,671.00        | 2          | \$5,342.00         | ESR            | P      |
| <b>TOTAL:</b> |        | <b>\$2,746.00</b> | <b>6</b>   | <b>\$16,476.00</b> |                |        |

#### FUNDING SOURCES:

**F** = Fire Suppression Account  
**ESR** = Emergency Stabilization Rehabilitation  
**OP** = Agency Operating Fund  
**O** = Other

#### METHODS:

**P** = Agency Personnel Services  
**C** = Contract (Long-Term)  
**EFC** = Emergency Fire Contract  
**FC** = Crew Labor Assigned to Fire

#### SOURCE OF COST ESTIMATE

|  |   |
|--|---|
| 1. Estimate obtained from 2-3 independent contractual sources.                           |   |
| 2. Documented cost figures from similar project work obtained from local agency sources. |   |
| 3. Estimate supported by cost guides from independent sources or other federal agencies. |   |
| 4. Estimates based upon government wage rates and material cost.                         | P |
| 5. No cost estimate required - cost charged to Fire Suppression Account.                 |   |

P = Personnel Services, M = Materials/Supplies, T = Travel, C = Contract, F = Suppression

#### III. RELEVANT DETAILS, MAPS AND DOCUMENTATION INCLUDED IN THIS REPORT:

List Relevant Documentation and Cross-Reference Location within BAER Report: See forestry assessment for detailed discussion of treatment specification. See MAP INDEX, Treatment(s) Section for location of woodland surveys and aspen exclusion fencing.

#### IV.

#### TOTAL COST BY FIRE

| FIRE NAME         | UNITS MONITORED/YEAR | COST               |
|-------------------|----------------------|--------------------|
| Isolation         | 1                    | \$8,238.00         |
| Maggie Creek      | 1                    | \$8,238.00         |
| <b>TOTAL COST</b> | <b>2</b>             | <b>\$16,476.00</b> |